

Lockheed Aircraft Corp.

CHANGE PROPOSAL

LAC -55

DATE 17 November 1959 *

AFFECTS: WSPO PROJECT NAME OF MAJOR COMPONENT
Airplane

PART OR LOWEST SUBASSEMBLY

PART NO. & MODEL OR TYPE

TITLE OF PROPOSAL : Structural Modifications - IRAN

NATURE OF PROPOSAL :

See Page 2.

* Reissue to add Project

REASON FOR PROPOSAL :

See Page 2.

ES	ESTIMATED COST AND TIME INVOLVED : —									
	ADDITIONAL FUNDING REQUIRED : —									
CP	ESTIMATED COST FOR KITS OR PARTS : \$73.00 per kit.									
	ADDITIONAL FUNDING REQUIRED : None (SP-1917)									

ITEMS AFFECTED BY PROPOSAL :

SAFETY <input type="checkbox"/>	MISSION EFFECTIVENESS <input checked="" type="checkbox"/>	PERFORMANCE <input type="checkbox"/>	OPERATING PROCEDURE <input type="checkbox"/>	INTER-CHANGEABILITY <input type="checkbox"/>	WEIGHT OR WEIGHT & BALANCE <input type="checkbox"/>	TOOLS & SUPPORT EQUIPMENT <input type="checkbox"/>	MAINTENANCE PROCEDURE <input type="checkbox"/>	SERVICE LIFE <input checked="" type="checkbox"/>	FLIGHT MANUAL <input type="checkbox"/>	MAINTENANCE MANUAL <input type="checkbox"/>
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EST. MAN/HRS. REQ'D. TO ACCOMPLISH CHANGE IN FIELD —

SOURCE OF PARTS FOR KIT LAC	AVAILABILITY <input type="checkbox"/> Very good <input type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor <input type="checkbox"/> Very poor
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DISPOSITION OF SPARES AFFECTED
NONE

INITIATED BY : LAC	APPROVED : 12/3/59	WSPO <input checked="" type="checkbox"/> PROJECT	STAT
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Nature of Proposal:

I. Make the following structural modifications at IRAN:

1. Reduce the height of the F-105-20 ring segment located at F.S. 510.00 at the top of the fuselage.
2. Install steel brackets on the forward side of the lower segment of the three aft main frames at the fuselage centerline for use as engine pry points.
3. Increase the gauge from .020 to .032 on the -3 and -4 webs of the F-29 Bulkhead (F.S. 365).
4. Replace the present metal to metal engine air seal with a synthetic rubber tube seal bearing on a fixed angle.

II. Prepare and issue appropriate service bulletins.

Note: This modification to be incorporated at IRAN.

Reason for Proposal:

(Para. numbers correspond to those in para. I above)

1. This is item b, para. 9 of the list of improvement items included in "FOG IRAN Program" dated 27 August 59. Provide additional clearance between the F.S. 510.00 ring segment and the aft engine mount to eliminate interference damage occurring during engine installation.
2. This is item b, para. 9 of the list of improvement items included in "FOG IRAN Program" dated 27 August 1959. Provide reinforcement to the existing structure at the aft main frames for use as engine pry points to eliminate damage caused by crowbars and two x fours used to assist in installing the engine.
3. This is item f, para. 9 of the list of improvement items included in "FOG IRAN Program" dated 27 August 1959. Provide beefed-up webs on the L.G. bulkhead to reduce damage caused by hard landings.
4. This is item g, para. 9 of the list of improvement items included in "FOG IRAN Program" dated 27 August 1959. Provide an engine air seal with sufficient flexibility to compensate for misalignments occurring during engine installation.